

CLAIM AMENDMENTS

The following listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A method of making a digital subscriber line (DSL) connection to a remote network, the method comprising:
detecting, at a DSL modem coupled to a local network, a presence of a powered-on network capable device that is connected to the DSL modem via the local network, the local network including at least one network capable device that contains a graphical activation display icon to illustrate a connection status of the powered-on network capable device with respect to the DSL modem, wherein in response to receiving a user command, the graphical activation display icon selectively connects the powered-on network capable device to the DSL modem via a point-to-point protocol over Ethernet (PPPoE) connection;
establishing a network connection over a DSL line to a remote network after detecting the presence of the powered-on network capable device that is connected to the DSL modem on the local network;
disconnecting the network connection over the DSL line to the remote network in response to detecting an absence of one or more powered-on network capable devices of the at least one network capable device connected to the DSL modem on the local network;
disconnecting the network connection over the DSL line to the remote network in response to receiving a second user command to disconnect the PPPoE connection;
releasing network resources supported by the remote network after the network connection is disconnected;
assigning a dynamic lease to the powered-on network capable device;
determining when the dynamic lease expires; and
disconnecting the network connection over the DSL line after detecting that the dynamic lease has expired.

2.-12. (Canceled).

13. (Currently amended) A digital subscriber line communication system comprising:
a digital subscriber line (DSL) router including connection detection logic to detect a

presence of a powered-on network capable device that is connected to the DSL router via a local network, wherein the local network includes at least one network capable device that contains a graphical activation display icon to illustrate a connection status of the powered-on network capable device with respect to the DSL router and, in response to receiving a user command, the graphical activation display icon selectively connects the powered-on network capable device to the DSL router via a point-to-point protocol over Ethernet (PPPoE) connection and, in response to receiving a second user command to disconnect, the graphical activation display icon disconnects the PPPoE connection; and

a digital subscriber DSL line between the DSL router and a remote network, wherein a network connection is made over the digital subscriber line to the remote network after the connection detection logic detects the presence of the powered-on network capable device that is connected to the DSL router via the local network, wherein a dynamic lease is assigned to the powered-on network capable device and the network connection over the DSL line is disconnected in response to detecting that the dynamic lease has expired.

14.-16. (Canceled).

17. (Currently amended) A digital subscriber line (DSL) communication system comprising:

a DSL router coupled to a local network, the DSL router including:

lease assignment logic to dynamically assign a lease to a network capable device to permit a subsequent connection to a remote network and to disconnect the subsequent connection to the remote network in response to determining that the dynamically assigned lease has expired; and
connection detection logic to detect a presence of a powered-on network capable device that is connected to the DSL router via the local network,
wherein the local network includes at least one network capable device that contains a graphical activation display icon to illustrate a connection status of the at least one network capable device with respect to the remote network and, in response to receiving a user command, the graphical activation display icon selectively connects the at least one network capable device to the remote network via a point-to-point protocol over Ethernet (PPPoE) connection and, in response to receiving a second user command to disconnect, the graphical activation display icon disconnects the PPPoE connection; and
a ~~digital subscriber~~ DSL line between the DSL router and the remote network, wherein a network connection is made over the digital subscriber line after the lease assignment logic has assigned ~~[[a]]~~ the lease to the network capable device.

18.-22. (Canceled).